L Number	Hits	Search Text	DB	Time stamp
1	111	rectangular adj capillary	USPAT;	2004/03/14 21:57
			US-PGPUB;	
			EPO; JPO;	
		·	DERWENT;	
			IBM_TDB	
2	26	(rectangular adj capillary) and microfluidic	USPAT;	2004/03/14 21:36
			US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
3	0	PCT/US99/23814	USPAT;	2004/03/14 21:55
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	_		IBM_TDB	
4	0	PCT and US99 and "23814"	USPAT;	2004/03/14 21:44
			US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
5	139	"23814"	USPAT;	2004/03/14 21:44
-			US-PGPUB;	, , , , , , , , , , , , , , , , , , ,
			EPO; JPO;	
			DERWENT;	
		_	IBM_TDB	
6	11	"23814" and pct	USPAT;	2004/03/14 21:47
			US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
7	21	("4390403" "4457184" "4908112"	USPAT	2004/03/14 21:47
		"5126022" "5229297" "5282942"		,,
		"5286356" "5358612" "5415747"		
		"5498392" "5571410" "5585069"		
		"5593838" "5603351" "5635358"		
		"5637469" "5750015" "5779868"		
	1.4	"5800690" "5890745" "5980704").PN.	USPAT	2004/03/14 21:47
9	14 35	6149787.URPN. (("4390403" "4457184" "4908112"	USPAT;	2004/03/14 21:47
	33	"5126022" "5229297" "5282942"	US-PGPUB;	2004/03/14 21.4/
		"5286356" "5358612" "5415747"	EPO; JPO;	
		"5498392" "5571410" "5585069"	DERWENT;	
		"5593838" "5603351" "5635358"	IBM_TDB	
		"5637469" "5750015" "5779868"		
		"5800690" "5890745" "5980704").PN.)		
10	0	6149787.URPN. WO9923814	HCDATT -	2004/02/14 21-56
10	١	WUJJ23014	USPAT; US-PGPUB;	2004/03/14 21:56
		·	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
11	1	WO99/23814	USPAT;	2004/03/14 21:56
-			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
12	155	/aguara roatang¢4) adi amillami	IBM_TDB	2004/02/14 21 57
14	155	(square rectang\$4) adj capillary	USPAT; US-PGPUB;	2004/03/14 21:57
			EPO; JPO;	
			DERWENT;	
1			IBM TDB	
13	43	((square rectang\$4) adj capillary) and	USPAT;	2004/03/14 21:58
-		(microfluid micro-fluid micro adj fluid	US-PGPUB;	, ,
		microfluidic micro-fluidic micro adj fluidic	EPO; JPO;	
ļ		microchannel micro-channel micro adj	DERWENT;	
		channel)	IBM_TDB	

14	17	(((square rectang\$4) adj (microfluid micro-fluid m microfluidic micro-fluidi	nicro adj fluid	USPAT; US-PGPUB; EPO; JPO;	2004/03/14 22:45
		microchannel micro-channe		DERWENT;	
	1	channel)) not ((rectangul	ar adj capillary)	IBM_TDB	
		and microfluidic)			İ
15	0	"Turner (1993) has cited"	•	USPAT;	2004/03/14 22:46
				US-PGPUB;	
				EPO; JPO; DERWENT;	
				IBM TDB	
16	0	(rectangular adj capillar	cv) and Turner near2	USPAT;	2004/03/14 22:47
		cited near2 reports	.,,	US-PGPUB;	
		_		EPO; JPO;	ļ
				DERWENT;	
				IBM_TDB	
17	1	(rectangular adj capillar	ry) and Turner	USPAT;	2004/03/14 22:47
				US-PGPUB;	
				EPO; JPO; DERWENT;	
				IBM TDB	
18	4	((square rectang\$4) adj c	apillary) and	USPAT;	2004/03/14 22:48
		Turner		US-PGPUB;	. ,
				EPO; JPO;	
				DERWENT;	
		("		IBM_TDB	
-	2	("6322683").PN.		USPAT;	2004/03/14 17:54
				US-PGPUB; EPO; JPO;	
				DERWENT;	
				IBM TDB	
-	58	("4390403" "4908112"	"4963498"	USPĀT	2004/01/27 19:37
			5126022"		
		1 ! !	5164598"		
		! !	5270183"		
		!!!	5304487" 5486335"		
			5560811"		
		!!!!	5593836"		
		!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	5630925"		
		!!!!	5699157"		
		! !	5800690"		
			5869004"		
			5882465" 5942443"		
			5957579"		
		!!!!	5959291"		
		!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	5965410"		
		"5972187" "5976336" "	5989402"		
		,	6011252"		
	_	"6012902").PN.			0004/00/55
	3	6322683.URPN.		USPAT	2004/01/27 19:37

-	9	(("4390403"	4908112	"4963498"		USPAT;	2004/01/27 20:40
		"5089099"	5116471"	"5126022"	·	US-PGPUB;	
		"5140161"	"5144139"	"5164598"		EPO; JPO;	
		"5188963"	"5192405"	"5270183"		DERWENT;	
		"5282942"	"5302264"	"5304487"		IBM_TDB	
		"5358612"	"5415747"	"5486335"		_	
		"5498392"	"5536382"	"5560811"			
		"5571410"	"5585069"	"5593836"			
	}	"5603351"	"5605662"	"5630925"		•	
		"5635358"	"5637469"	"5699157"			
		"5750015"	"5779868"	"5800690"			
		"5842787"	"5852495"	"5869004"			
		"5876675"	"5880071"	"5882465"			
		"5885470"	"5890745"	"5942443"			
		"5948227"	"5955028"	"5957579"			
		"5958203"	"5958694"	"5959291"			
		"5964995"	"5965001"	"5965410"			
		"5972187"	"5976336"	"5989402"			
		"6001231"	"6004515"	"6011252"			
			PN.) not ((. 1	"4908112"		
			"5140161"	' "5116471" "5144139"	1		
		"5164598"	"5188963"	"5192405"			
	-	"5270183"	"5282942"	"5302264"			
		"5304487"	"5358612"	"5415747"			
		"5486335"	"5498392"	"5536382"			
		"5560811"	"5571410"	"5585069"			
		"5593836"	"5603351"	"5605662"			
		"5630925"	"5635358"	"5637469"			
		"5699157"	"5750015"	"5779868"			
		"5800690"	"5842787"	"5852495"			
		"5869004"	"5876675"	"5880071"			
		"5882465"	"5885470"	"5890745"			
		"5942443"	"5948227"	"5955028"			
		"5957579"	"5958203"	"5958694"			
		"5959291"	"5964995"	"5965001"			
		"5965410"	"5972187"	"5976336"			
		"5989402"	"6001231"	"6004515"			
		"6011252"		PN.) and (mi	crogroove		
			e trench cha	innel trough			
		caplillary					
-	49	(("4390403"	'			USPAT;	2004/01/27 20:12
-		"5089099"	"5116471"	"5126022"		US-PGPUB;	
		"5140161"	"5144139"	"5164598"		EPO; JPO;	1
		"5188963"	"5192405"	"5270183"		DERWENT;	
		"5282942"	"5302264"	"5304487"		IBM_TDB	
		"5358612"	"5415747"	"5486335"			
		"5498392"	"5536382"	"5560811"			
		"5571410"	"5585069"	"5593836"			
		"5603351"	"5605662"	"5630925"			
		"5635358"	"5637469"	"5699157"			
1		"5750015"	"5779868"	"5800690"			
		"5842787"	"5852495"	"5869004"			
		"5876675"	"5880071"	"5882465"			
		"5885470"	"5890745"	"5942443"			
		"5948227"	"5955028"	"5957579"			
		"5958203"	"5958694"	"5959291"]
		"5964995"	"5965001"	"5965410"			
		"5972187"	"5976336"	"5989402"			
		"6001231"	"6004515"	"6011252"			
		"6012902").	PN.) and (mi	crogroove			
]		micro-groov	e trench cha	nnel trough			
		caplillary					
			-				

-	21	((("4390403" "4908112" "4963498"	USPAT;	2004/01/27 20:15
		"5089099" "5116471" "5126022"	US-PGPUB;	
		"5140161" "5144139" "5164598"	EPO; JPO;	
		"5188963"	DERWENT;	
		"5282942"	IBM_TDB	
		"5358612" "5415747" "5486335"		
		"5498392" "5536382" "5560811"		, ·
		"5571410" "5585069" "5593836"		
		"5603351" "5605662" "5630925"		
		"5635358" "5637469" "5699157"		
		"5750015" "5779868" "5800690"		
		"5842787" "5852495" "5869004"		
		"5876675" "5880071" "5882465"		
		"5885470" "5890745" "5942443"		
		"5948227" "5955028" "5957579"		
		"5958203" "5958694" "5959291"		
	ļ	"5964995" "5965001" "5965410"		
		"5972187" "5976336" "5989402"		
		"6001231" "6004515" "6011252"		
		"6012902").PN.) and (microgroove		
		micro-groove trench channel trough		
		caplillary groove)) and (align\$4		
_	20	registration regist?r) ((("4390403" "4908112" "4963498"	HGDAT.	2004/01/27 20:40
-	28		USPAT;	2004/01/2/ 20:40
		"5089099" "5116471" "5126022" "5140161" "5144139" "5164598"	US-PGPUB;	
		"5140161" "5144139" "5164598" "5188963" "5192405" "5270183"	EPO; JPO;	
		"5282942" "5302264" "5304487"	DERWENT;	
		"5358612" "5415747" "5486335"	IBM_TDB	
		"5498392" "5536382" "5560811"		
		"5571410" "5585069" "5593836"		
		"5603351" "5605662" "5630925"		
		"5635358" "5637469" "5699157"		
		"5750015" "5779868" "5800690"		
		"5842787" "5852495" "5869004"		
		"5876675" "5880071" "5882465"		
		"5885470" "5890745" "5942443"		
		"5948227" "5955028" "5957579"		
		"5958203" "5958694" "5959291"		1
		"5964995" "5965001" "5965410"		
		"5972187" "5976336" "5989402"		
		"6001231" "6004515" "6011252"		
		"6012902").PN.) and (microgroove		
		micro-groove trench channel trough		
		caplillary groove)) not (((("4390403"		
		"4908112" "4963498" "5089099"		
		"5116471" "5126022" "5140161"		
		"5144139" "5164598" "5188963"		
		"5192405" "5270183" "5282942"		
		"5302264" "5304487" "5358612"		
		"5415747" "5486335" "5498392"		
		"5536382" "5560811" "5571410"		
		"5585069" "5593836" "5603351"		
		"5605662"		1
		"5637469" "5699157" "5750015"		
		"5779868"		
		"5852495" "5869004" "5876675"		
		"5880071" "5882465" "5885470"		
		"5890745" "5942443" "5948227"		
		"5955028" "5957579" "5958203"		
		"5958694" "5959291" "5964995"		
		"5965001" "5965410" "5972187"		
		"5976336" "5989402" "6001231"	1	
		"6004515" "6011252" "6012902").PN.) and		
		(microgroove micro-groove trench channel		
		trough caplillary groove)) and (align\$4		
		registration regist?r))		
-	106	rectangular adj capillary	USPAT;	2004/01/28 16:53
			US-PGPUB;	
			EPO; JPO;	
1			DERWENT;	
1			IBM TDB	1

	·		TIOD N III	10004/01/00 15 00
-	24	(rectangular adj capillary) and microfluid\$2	USPAT; US-PGPUB;	2004/01/28 17:29
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	0	notch near edge and microfluid\$2	USPAT;	2004/01/28 17:19
			US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
_	16	notch with edge and microfluid\$2	USPAT;	2004/01/28 17:19
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	3742	dril1 and align\$4 microfluid\$2	IBM_TDB USPAT;	2004/01/28 17:30
-	3/42	dilli and alignou microfididoz	US-PGPUB;	2004/01/28 17:30
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	3738	dril1 with align\$4 microfluid\$2	USPAT;	2004/01/28 17:30
			US-PGPUB;	
	1		EPO; JPO; DERWENT;	
			IBM TDB	
_	0	dril1 with align\$4 and microfluid\$2	USPAT;	2004/01/28 17:30
			US-PGPUB;	
	-		EPO; JPO;	
			DERWENT;	
	0	drill game aligned and migrafluides	IBM_TDB	2004/01/20 17.20
_		dril1 same align\$4 and microfluid\$2	USPAT; US-PGPUB;	2004/01/28 17:30
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	0	drill and align\$4 and microfluid\$2	USPAT;	2004/01/28 17:31
			US-PGPUB;	·
			EPO; JPO;	
			DERWENT; IBM TDB	
_	80	drill and align\$4 and microfluid\$2	USPAT;	2004/01/28 17:31
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		3 133 31 44 3 1 63 1340	IBM_TDB	
_	1	drill near align\$4 and microfluid\$2	USPAT;	2004/01/28 17:31
			US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	6	drill with align\$4 and microfluid\$2	USPAT;	2004/01/28 17:34
			US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	
_	17	drill same align\$4 and microfluid\$2	USPAT;	2004/01/28 17:42
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	0001/07/77
-	63	(drill and align\$4 and microfluid\$2) not	USPAT;	2004/01/28 17:42
		(drill same align\$4 and microfluid\$2)	US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	230	(microfluid micro-fluid micro adj fluid	USPAT;	2004/03/14 18:44
		microfluidic micro-fluidic micro adj fluidic	US-PGPUB;	
		microchannel micro-channel micro adj	EPO; JPO;	
		channel) and (notch channel port groove)	DERWENT;	
		<pre>with (edge side) near (substrate wafer plate)</pre>	IBM_TDB	
		Piace,		

_	15	(microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port portal	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/03/14 18:06
		groove) near (edge side) near (substrate	IBM_TDB	
_	343	microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj	USPAT; US-PGPUB; EPO; JPO;	2004/03/14 18:07
		channel) same (notch channel port portal groove) with (edge side) with (substrate	DERWENT; IBM_TDB	
_	70	wafer plate) (microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj	USPAT; US-PGPUB; EPO; JPO;	2004/03/14 18:07
		channel) same (notch channel port portal groove) with (edge side) near (substrate wafer plate)	DERWENT; IBM_TDB	
-	59	((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port portal	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/03/14 21:58
		groove) with (edge side) near (substrate wafer plate)) not ((microfluid micro-fluid micro adj fluid microfluidic micro adj fluidic microchannel micro-channel	IBM_TDB	
		micro adj channel) same (notch channel port portal groove) near (edge side) near	-	
-	38	(substrate wafer plate)) (microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) and (notch channel port groove)	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/03/14 19:00
		near (edge side) near (substrate wafer plate)	IBM_TDB	
_	26	((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) and (notch channel port groove) near (edge side) near (substrate wafer plate)) not (((microfluid micro-fluid micro	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/14 18:45
		adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port portal groove) with (edge side) near (substrate		
		wafer plate)) (((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port		
		portal groove) with (edge side) near (substrate wafer plate)) not ((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch		
		channel port portal groove) near (edge side) near (substrate wafer plate))))		
-	167	(microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) and (notch channel port groove)	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/03/14 19:02
		near (edge side) with (substrate wafer plate)	IBM_TDB	

	24	((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro adj channel) and (notch channel port groove) near (edge side) with (substrate wafer plate)) not (((microfluid micro-fluidic micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj fluidic microchannel micro-channel micro adj fluidic microchannel micro-channel micro adj fluidic microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj fluidic microchannel micro-channel micro adj fluidic microchannel micro-channel micro adj fluidic microchannel micro-fluidic micro adj fluidic microchannel micro-fluidic micro adj fluidic microchannel micro-fluidic micro adj fluidic microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj fluidic microchannel micro-channel micro adj fluidic microchannel micro-fluidic micro-fluidic micro-fluidic micro-fluidic micro-fluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port portal groove) near (edge side) near (substrate wafer plate)) ((microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) add (notch channel port groove) near (edge side) near (substrate wafer plate)) ((microfluidic micro-fluidic micro-fluid micro-fluidic micro-flui	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/14 19:01
		near (substrate wafer plate))) ((microfluid		
•				
		channel port groove) near (edge side) near		
	!			
		micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel		
		micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) and (notch		
		channel port groove) near (edge side) near3		
		(substrate wafer plate)		

USPAT; (((microfluid micro-fluid micro adj fluid 2004/03/14 19:14 microfluidic micro-fluidic micro adj fluidic US-PGPUB; microchannel micro-channel micro adj EPO; JPO; channel) and (notch channel port groove) DERWENT; near (edge side) with (substrate wafer IBM TDB plate)) not (((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port portal groove) near (edge side) near (substrate wafer plate)) ((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port portal groove) with (edge side) near (substrate wafer plate)) (((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port portal groove) with (edge side) near (substrate wafer plate)) not ((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port portal groove) near (edge side) near (substrate wafer plate))) ((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) and (notch channel port groove) near (edge side) near (substrate wafer plate)))) and (microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) and (notch channel port groove) near (edge side) near5 (substrate wafer plate) not (((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) and (notch channel port groove) near (edge side) with (substrate wafer plate)) not (((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port portal groove) near (edge side) near (substrate wafer plate)) ((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port portal groove) with (edge side) near (substrate wafer plate)) (((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port portal groove) with (edge side) near (substrate wafer plate)) not ((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port portal groove) near (edge side) near (substrate wafer plate))) ((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) and (notch channel port groove) near (edge side) near (substrate wafer plate)))) and (microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) and (notch channel port groove) near (edge side) near3 (substrate wafer plate))

(((microfluid micro-fluid micro adj fluid 2004/03/14 19:33 USPAT; microfluidic micro-fluidic micro adj fluidic US-PGPUB; microchannel micro-channel micro adj EPO; JPO; channel) and (notch channel port groove) DERWENT; near (edge side) with (substrate wafer IBM TDB plate)) not (((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port portal groove) near (edge side) near (substrate wafer plate)) ((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port portal groove) with (edge side) near (substrate wafer plate)) (((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port portal groove) with (edge side) near (substrate wafer plate)) not ((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port portal groove) near (edge side) near (substrate wafer plate))) ((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) and (notch channel port groove) near (edge side) near (substrate wafer plate)))) and (microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) and (notch channel port groove) near (edge side) near8 (substrate wafer plate) not (((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) and (notch channel port groove) near (edge side) with (substrate wafer plate)) not (((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port portal groove) near (edge side) near (substrate wafer plate)) ((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port portal groove) with (edge side) near (substrate wafer plate)) (((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port portal groove) with (edge side) near (substrate wafer plate)) not ((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port portal groove) near (edge side) near (substrate wafer plate))) ((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) and (notch channel port groove) near (edge side) near (substrate wafer plate)))) and (microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) and (notch channel port groove) near (edge side) near3 (substrate wafer plate))

(((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) and (notch channel port groove) near (edge side) with (substrate wafer plate)) not (((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port portal groove) near (edge side) near (substrate wafer plate)) ((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port portal groove) with (edge side) near (substrate wafer plate)) (((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port portal groove) with (edge side) near (substrate wafer plate)) not ((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port portal groove) near (edge side) near (substrate wafer plate))) ((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) and (notch channel port groove) near (edge side) near (substrate wafer plate)))) not ((((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) and (notch channel port groove) near (edge side) with (substrate wafer plate)) not (((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port portal groove) near (edge side) near (substrate wafer plate)) ((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port portal groove) with (edge side) near (substrate wafer plate)) (((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port portal groove) with (edge side) near (substrate wafer plate)) not ((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port portal groove) near (edge side) near (substrate wafer plate))) ((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) and (notch channel port groove) near (edge side) near (substrate wafer plate)))) and (microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) and (notch channel port groove) near (edge side) near3 (substrate wafer plate)) (((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) and (notch channel port groove) near (edge side) with (substrate wafer plate)) not (((microfluid 3 micro fluid micro adj fluid microfluidic micro-fluidic micro ad fluidic microchannel

channel port portal groove) near (edge side)

USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

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40	((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) and (notch channel port groove) near (edge side) with (substrate wafer plate)) not (((microfluid micro-fluid micro adj fluid microfluidic micro-channel micro adj fluidic microchannel micro-channel micro adj channel) and (notch channel port groove) near (edge side) with (substrate wafer plate)) not (((microfluid micro-fluid micro adj fluidic microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj fluidic microchannel micro-channel micro adj channel) same (notch channel port portal groove) near (edge side) near (substrate wafer plate)) ((microfluid micro-fluid micro adj fluidic microchannel micro-channel micro adj fluidic microchannel micro-channel micro adj fluidic microchannel micro-fluid micro adj fluid microfluidic micro-fluid micro adj fluid microfluidic micro-fluid micro adj fluidic microchannel micro-channel micro adj fluidic microchannel micro-channel micro-fluid micro-fluid micro-fluid micro-fluid micro-fluid micro-fluid micro-fluid micro-fluidic micro-fluidic micro-channel micro-channel micro-channel micro-channel micro-channel micro-channel micro-fluidic micro-fluid micro-fluidic micro-fluidi	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/14 19:54
- 182	micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) and (notch channel port groove) near (edge side) near (substrate wafer plate))) ((microfluid micro-fluid micro adj fluid microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) and (notch channel port groove) with (edge side) near (substrate wafer plate)) not ((microfluid micro-fluid micro adj fluidic microfluidic micro-fluidic micro adj fluidic microchannel micro-channel micro adj channel) and (notch channel port groove) near (edge side) with (substrate wafer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/14 19:55
- 458	plate)) caliper.as.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/03/14 19:56
- 47	caliper.as. and @pd<19990414	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/14 20:02